

Reported as of 9/2/10

BMP 01 Coverage: Water Survey Programs for Single-Family and Multi-Family Residential Customers

Reporting Unit:
City of Chino

Reporting Period:
07-08

MOU Exhibit 1 Coverage Requirement

Exemption request filed WITH supporting documentation

Exemption Type: Cost Effectiveness

Agency indicated "at least as effective as" implementation during report period?

No

A Reporting Unit (RU) must meet three conditions to satisfy strict compliance for BMP 1.

Condition 1: Adopt survey targeting and marketing strategy on time

Condition 2: Offer surveys to 20% of SF accounts and 20% of MF units during report period

Condition 3: Be on track to survey 15% of SF accounts and 15% of MF units within 10 years of implementation start date.

Test for Condition 1

City of Chino to Implement Targeting/Marketing Program by:

2008

Single-Family

Multi-Family

Year City of Chino Reported Implementing Targeting/Marketing Program:

City of Chino Met Targeting/Marketing Coverage Requirement:

Test for Condition 2

			<u>Single-Family</u>	<u>Multi-Family</u>
Survey Program to Start by:	2007	Residential Survey Offers (%)	0.01%	0.37%
Reporting Period:	07-08	Survey Offers \geq 20%	NO	NO

Test for Condition 3

	Completed Residential Surveys	
	<u>Single Family</u>	<u>Multi-Family</u>
Total Completed Surveys 1999 - 2008:	1	1
Past Credit for Surveys Completed Prior to 1999 (Implementation of Reporting Database):		
Total + Credit	1	1
Residential Accounts in Base Year	14,864	4,061
City of Chino Survey Coverage as % of Base Year Residential Accounts	0.01%	0.02%

Coverage Requirement by Year 1 of Implementation

per Exhibit 1	0.70%	0.70%
City of Chino on Schedule to Meet 10-Year Coverage Requirement	NO	NO

BMP 1 COVERAGE STATUS SUMMARY:
Water supplier has filed with CUWCC an exemption with supporting documentation for this BMP.

Reported as of 9/2/10

BMP 02 Coverage: Residential Plumbing RetrofitReporting Unit:
City of ChinoReporting Period:
07-08**MOU Exhibit 1 Coverage Requirement**

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

An agency must meet one of three conditions to satisfy strict compliance for BMP 2.

Condition 1: The agency has demonstrated that 75% of SF accounts and 75% of MF units constructed prior to 1992 are fitted with low-flow showerheads.

Condition 2: An enforceable ordinance requiring the replacement of high-flow showerheads and other water use fixtures with their low-flow counterparts is in place for the agency's service area.

Condition 3: The agency has distributed or directly installed low-flow showerheads and other low-flow plumbing devices to not less than 10% of single-family accounts and 10% of multi-family units constructed prior to 1992 during the reporting period.

Test for Condition 1

<u>Report Year</u>	<u>Report Period</u>	<u>Single-Family</u>		<u>Multi-Family</u>	
		<u>Reported Saturation</u>	<u>Saturation > 75%?</u>	<u>Reported Saturation</u>	<u>Saturation > 75%?</u>
1999	99-00				
2000	99-00				
2001	01-02				
2002	01-02				
2003	03-04				
2004	03-04				
2005	05-06				
2006	05-06				
2007	07-08	75.00%	YES	75.00%	YES
2008	07-08		NO		NO

Test for Condition 2

<u>Report Year</u>	<u>Report Period</u>	<u>City of Chino has ordinance requiring showerhead retrofit?</u>
1999	99-00	
2000	99-00	
2001	01-02	
2002	01-02	
2003	03-04	
2004	03-04	
2005	05-06	
2006	05-06	
2007	07-08	NO
2008	07-08	NO

Test for Condition 3

Reporting Period: 07-08

<u>1992 SF</u>	<u>Num. Showerheads Distributed to</u>
<u>Accounts</u>	<u>SF Accounts</u>

12,589

<u>1992 MF</u>	<u>Num. Showerheads Distributed to</u>
<u>Accounts</u>	<u>MF Accounts</u>

3,652

<u>Single-Family</u>
<u>Coverage Ratio</u>

<u>SF Coverage Ratio</u>
<u>> 10%</u>

NO

<u>Multi-Family</u>
<u>Coverage Ratio</u>

<u>MF Coverage</u>
<u>Ratio > 10%</u>

NO

BMP 2 COVERAGE STATUS SUMMARY:**Water supplier has met the coverage requirements for this BMP.**

Reported as of 9/2/10

BMP 03 Coverage: System Water Audits, Leak Detection and RepairReporting Unit:
City of ChinoReporting Period:
07-08**MOU Exhibit 1 Coverage Requirement**

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

An agency must meet one of two conditions to be in compliance with BMP 3:

Condition 1: Perform a prescreening audit. If the result is equal to or greater than 0.9 nothing more needs be done.

Condition 2: Perform a prescreening audit. If the result is less than 0.9, perform a full audit in accordance with AWWA's Manual of Water Supply Practices, Water Audits, and Leak Detection.

Test for Conditions 1 and 2

Report Year	Report Period	Pre-Screen Completed	Pre-Screen Result	Full Audit Indicated	Full Audit Completed
1999	99-00				
2000	99-00				
2001	01-02				
2002	01-02				
2003	03-04				
2004	03-04				
2005	05-06				
2006	05-06				
2007	07-08	YES	93.8%	No	NO
2008	07-08	YES	97.9%	No	NO

BMP 3 COVERAGE STATUS SUMMARY:**Water supplier has met the coverage requirements for this BMP.**

Reported as of 9/2/10

BMP 04 Coverage: Metering with Commodity Rates for all New Connections and Retrofit of Existing

Reporting Unit:

City of Chino

Reporting Period:

07-08

MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

For agencies signing the MOU prior to December 31, 1997:

100% of existing unmetered accounts to be metered and billed by volume of use by July 1, 2009.

For agencies signing the MOU after December 31, 1997:

- 100% of existing unmetered accounts to be metered and billed by volume of use by July 1, 2012 **OR** within six years of signing the MOU (whichever date is later).
- All retrofits must be completed no later than one year prior to the requirements of state law (January 1, 2025).

Test for Compliance

Total Meter Retrofits Reported through 2008	0
No. of Unmetered Accounts in Base Year	0
Meter Retrofit Coverage as % of Base Year Unmetered Accounts	0.0%
Coverage Requirement by Year 1 of Implementation per Exhibit 1	16.6%
RU on Schedule to meet 10 Year Coverage Requirement	YES

BMP 4 COVERAGE STATUS SUMMARY:

Water supplier has met the coverage requirements for this BMP.

Reported as of 9/2/10

BMP 05 Coverage: Large Landscape Conservation Programs and Incentives

Reporting Unit:
City of Chino

Reporting Period:
07-08

MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

An agency must meet three conditions to comply with BMP 5.

Condition 1: Develop water budgets for 90% of its dedicated landscape meter accounts within four years of the date implementation is to start.

Condition 2: (a) Offer landscape surveys to at least 20% of its CII accounts with mixed use meters each report cycle and be on track to survey at least 15% of its CII accounts with mixed use meters within 10 years of the date implementation is to start OR (b) Implement a dedicated landscape meter retrofit program for CII accounts with mixed use meters or assign landscape budgets to mixed use meters.

Condition 3: Implement and maintain customer incentive program(s) for irrigation equipment retrofits.

Test for Condition 1

Year	Report Period	BMP 5 Implementation Year	No. of Irrigation Meter Accounts	No. of Irrigation Accounts with Budgets	Budget Coverage Ratio	90% Coverage Met by Year 4
1999	99-00					NA
2000	99-00					NA
2001	01-02					NA
2002	01-02					NA
2003	03-04					NA
2004	03-04					NA
2005	05-06					NA
2006	05-06					NA
2007	07-08		916			NA
2008	07-08		987			NA

Test for Condition 2a (survey offers)

Select Reporting Period:	07-08
Large Landscape Survey Offers as % of Mixed Use Meter CII Accounts	2.9%
Survey Offers Equal or Exceed 20% Coverage Requirement	NO

Test for Condition 2a (surveys completed)

Total Completed Landscape Surveys Reported through 07-08	21
Credit for Surveys Completed Prior to Implementation of Reporting Database	
Total + Credit	21
CII Accounts in Base Year	739
RU Survey Coverage as a % of Base Year CII Accounts	2.8%
Coverage Requirement by Year of Implementation per	

Exhibit 1

RU on Schedule to Meet 10 Year Coverage
Requirement

ON TRACK

Test for Condition 2b (mixed use budget or meter retrofit program)

<u>Report Year</u>	<u>Report Period</u>	<u>BMP 5 Implementation Year</u>	<u>Agency has mix-use budget program</u>	<u>No. of mixed-use budgets</u>
1999	99-00			
2000	99-00			
2001	01-02			
2002	01-02			
2003	03-04			
2004	03-04			
2005	05-06			
2006	05-06			
2007	07-08		NO	
2008	07-08		NO	

<u>Report Year</u>	<u>Report Period</u>	<u>BMP 4 Implementation Year</u>	<u>No. of mixed use CII accounts</u>	<u>No. of mixed use CII accounts fitted with irrig. meters</u>
1999	99-00			
2000	99-00			
2001	01-02			
2002	01-02			
2003	03-04			
2004	03-04			
2005	05-06			
2006	05-06			
2007	07-08		739	
2008	07-08		770	

Test for Condition 3

<u>Report Year</u>	<u>Report Period</u>	<u>BMP 5 Implementation Year</u>	<u>RU offers financial incentives?</u>	<u>No. of Loans</u>	<u>Total Amt. Loans</u>
1999	99-00				
2000	99-00				
2001	01-02				
2002	01-02				
2003	03-04				
2004	03-04				
2005	05-06				
2006	05-06				
2007	07-08		YES		
2008	07-08		YES		

<u>Report Year</u>	<u>Report Period</u>	<u>No. of Grants</u>	<u>Total Amt. Grants</u>	<u>No. of rebates</u>	<u>Total Amt. Rebates</u>
1999	99-00				
2000	99-00				
2001	01-02				
2002	01-02				

2003	03-04		
2004	03-04		
2005	05-06		
2006	05-06		
2007	07-08	2	1,260
2008	07-08	2	18,240

BMP 5 COVERAGE STATUS SUMMARY:

Water supplier is on track to meet the coverage requirements for this BMP.

Reported as of 9/2/10

BMP 06 Coverage: High-Efficiency Washing Machine Rebate Programs

Reporting Unit:
City of Chino

Reporting
Period:
07-08

MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

An agency must meet two conditions to comply with BMP 6.

Condition 1: Offer a cost-effective financial incentive to customers for the purchase of high-efficiency washers with water factors of 9.5 or less.

Condition 2: Meet Coverage Goal ($CG = \text{Total Dwelling Units} \times 0.0768$) by July 1, 2008. Agencies signing the MOU after July 1, 2003, shall have a prorated Coverage Goal, based on implementation period of less than 4.0 years.

Test for Condition 1

Agency offers rebates for residential high-efficiency washers with water factors of 9.5 or less:

YES

Test for Condition 2

Coverage Goal: 364

Total Coverage Points
Awarded
(incl. past credit): 2,688

% of Coverage Goal: 738.92%

BMP 6 COVERAGE STATUS SUMMARY:

Water supplier has met the coverage requirements for this BMP.

Reported as of 9/2/10

BMP 07 Coverage: Public Information ProgramsReporting Unit:
City of ChinoReporting Period:
07-08**MOU Exhibit 1 Coverage Requirement**

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

An agency must meet one condition to comply with BMP 7.

Condition 1: Implement and maintain a public information program consistent with BMP 7's definition.

Test for Condition 1

Year	Report Period	BM	P 7 Implementation Year	RU Has Public Information Program?
1999	99-00			
2000	99-00			
2001	01-02			
2002	01-02			
2003	03-04			YES
2004	03-04			YES
2005	05-06			YES
2006	05-06			YES
2007	07-08			YES
2008	07-08		1	YES

BMP 7 COVERAGE STATUS SUMMARY:

Water supplier has met the coverage requirements for this BMP.

Reported as of 9/2/10

BMP 08 Coverage: School Education Programs

Reporting Unit:

City of Chino

Reporting Period:

07-08**MOU Exhibit 1 Coverage Requirement**

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

An agency must meet one condition to comply with BMP 8.

Condition 1: Implement and maintain a school education program consistent with BMP 8's definition.

Test for Condition 1

<u>Year</u>	<u>Report Period</u>	<u>BMP 8 Implementation Year</u>	<u>RU Has School Education Program?</u>
1999	99-00		YES
2000	99-00		YES
2001	01-02		YES
2002	01-02		YES
2003	03-04		YES
2004	03-04		YES
2005	05-06		YES
2006	05-06		YES
2007	07-08		YES
2008	07-08	1	YES

BMP 8 COVERAGE STATUS SUMMARY:**Water supplier has met the coverage requirements for this BMP.**

Reported as of 9/2/10

BMP 09 Coverage: Conservation Programs for CII Accounts

Reporting Unit:
City of Chino

Reporting Period:
07-08

MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

An agency must meet three conditions to comply with BMP 9.

Condition 1: Agency has identified and ranked by use commercial, industrial, and institutional accounts.

Condition 2(a): Agency is on track to survey 10% of commercial accounts, 10% of industrial accounts, and 10% of institutional accounts within 10 years of date implementation to commence.

OR

Condition 2(b): Agency is on track to reduce CII water use by an amount equal to 10% of baseline use within 10 years of date implementation to commence.

OR

Condition 2(c): Agency is on track to meet the combined target as described in Exhibit 1 BMP 9 documentation.

Test for Condition 1

Ranked Commercial Use	YES
Ranked Industrial Use	YES
Ranked Institutional Use	YES

Test for Condition 2a

	Commercial	Industrial	Institutional
Total Completed Surveys Reported through 2008			
Credit for Surveys Completed Prior to Implementation of Reporting Databases			
Total + Credit			
CII Accounts in Base Year	1,522	11	125
RU Survey Coverage as % of Base Year CII Accounts			
Coverage Requirement by Year 0 of Implementation per Exhibit 1			
RU on Schedule to Meet 10 Year Coverage Requirement	YES	YES	YES

Test for Condition 2b

Year	Performance Target Savings (AF/yr)	Performance Target Savings Coverage	Performance Target Savings Coverage Requirement	Coverage Requirement Met
2008	58	1.7%	0.5%	YES
2009			1.0%	NO
2010			1.7%	NO
2011			2.4%	NO
2012			3.3%	NO
2013			4.2%	NO

2014	5.3%	NO
2015	6.4%	NO
2016	7.7%	NO
2017	9.0%	NO

Test for Condition 2c

Total BMP 9 Surveys + Credit		
BMP 9 Survey Coverage		
BMP 9 Performance Target Coverage	1.7%	
BMP 9 Survey + Performance Target Coverage	1.7%	
Combined Coverage Equals or Exceeds Coverage Requirement?	YES	

BMP 9 COVERAGE STATUS SUMMARY:

Water supplier has met the coverage requirements for this BMP.

Reported as of 9/2/10

BMP 11 Coverage: Conservation Pricing

Reporting Unit:

Reporting Period:

City of Chino

07-08

MOU Exhibit 1 Coverage Requirement

Agency indicated "at least as effective as" implementation during report period?

No

Per June 13, 2007 revision, an agency must meet one condition to comply with BMP 11.

Condition 1: Agency shall maintain rate structure consistent with BMP 11's definition of conservation pricing. If agency provides retail sewer service, agency shall maintain rate structure for sewer service consistent with definition of conservation pricing for sewer service in Part II, Section in A.

Water Service

- Agencies signing the MOU prior to June 13, 2007, implementation shall commence no later than July 1, 2007.
- Agencies signing the MOU after June 13, 2007, implementation shall commence no later than July 1 of the year following the year the Agency signed the MOU.

Sewer Service

- Agencies signing the MOU prior to December 31, 1997, implementation shall commence no later than July 1, 2008.
- Agencies signing the MOU or becoming subject to the MOU after December 31, 1997, implementation shall commence no later than July 1 of the first year following the year the agency signed or became subject to the MOU.

Test for Condition 1

Agency is Fully Metered	YES
Agency Employed Conserving WATER Rate Structure	YES
Agency Provides Sewer Service	YES
Agency Employed Conserving SEWER Rate Structure	YES

BMP 11 WATER COVERAGE STATUS SUMMARY:

Water supplier has met the coverage requirements for this BMP.

BMP 11 SEWER COVERAGE STATUS SUMMARY:

Water supplier has met the coverage requirements for this BMP.

Reported as of 9/2/10

BMP 12 Coverage: Conservation Coordinator

Reporting Unit:

Reporting Period:

City of Chino

07-08

MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

Agency shall staff and maintain the position of conservation coordinator and provide support staff as necessary.

Test for Compliance

<u>Report Year</u>	<u>Report Period</u>	<u>Conservation Coordinator Position Staffed?</u>	<u>Total Staff on Team (incl. CC)</u>
1999	99-00		
2000	99-00		
2001	01-02		
2002	01-02		
2003	03-04		
2004	03-04		
2005	05-06		
2006	05-06		
2007	07-08	YES	1
2008	07-08	YES	1

BMP 12 COVERAGE STATUS SUMMARY:

Water supplier has met the coverage requirements for this BMP.

Reported as of 9/2/10

BMP 13 Coverage: Water Waste Prohibition

Reporting Unit:

Reporting Period:

City of Chino

07-08

MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

An agency must meet one condition to comply with BMP 13.

Implementation methods shall be enacting and enforcing measures prohibiting gutter flooding, single pass cooling systems in new connections, non-recirculating systems in all new conveyer car wash and commercial laundry systems, and non-recycling decorative water fountains.

Test for Condition 1**Agency or service area prohibits:**

Year	Gutter Flooding	Single-Pass Cooling Systems	Single-Pass Car Wash	Single-Pass Laundry	Single-Pass Fountains	Other	RU has ordinance that meets coverage requirement
1999							
2000							
2001							
2002							
2003							
2004							
2005							
2006							
2007	NO	NO	NO	NO	NO	YES	NO
2008	NO	NO	NO	NO	NO	YES	NO

BMP 13 COVERAGE STATUS SUMMARY:

Water supplier is not currently on track to meet the coverage requirements for this BMP.

Reported as of 9/2/10

BMP 14 Coverage: Residential ULFT Replacement Programs

Reporting Unit: **City of Chino**

MOU Exhibit 1 Coverage Requirement

A Reporting Unit (RU) must meet one of the following conditions to be in compliance with BMP 14.

Condition 1: Retrofit-on-resale (ROR) ordinance in effect in service area.

Condition 2: Water savings from toilet replacement programs equal to 90% of Exhibit 6 coverage requirement.

An agency with an exemption for BMP 14 is not required to meet one of the above conditions. This report treats an agency with missing base year data required to compute the Exhibit 6 coverage requirement as out of compliance with BMP 14.

Status: Water supplier is on track to meet the coverage requirements for this BMP. as of 2009

Coverage Year	BMP 14 Data Submitted	Exemption Filed	ALAEA Selected	ROR Ordinance in Effect	Exhibit 6 Coverage Req'mt (AF)	Program Water Savings* (AF)
2008	YES	NO	NO	NO	30.12	794.18
2009	NO	NO	NO	NO	85.64	913.90
2010	NO	NO	NO	NO	162.46	
2011	NO	NO	NO	NO	256.99	
2012	NO	NO	NO	NO	366.13	
2013	NO	NO	NO	NO	487.17	
2014	NO	NO	NO	NO	617.76	
2015	NO	NO	NO	NO	755.88	
2016	NO	NO	NO	NO	899.76	
2017	NO	NO	NO	NO	1047.89	

*NOTE: Program water savings listed are net of the plumbing code. Savings are cumulative (not annual) between 1991 and the given year. Residential ULFT count data from unsubmitted forms are NOT included in the calculation.

BMP 14 COVERAGE STATUS SUMMARY:

Water supplier is on track to meet the coverage requirements for this BMP.

BMP 14 Coverage: Residential ULFT Replacement Programs

Reporting Unit: **City of Chino**

BMP 14 Coverage Calculation Detail: Retrofit on Resale (ROR) Ordinance Water Savings

	Single Family	Multi- Family
1992 Housing Stock		
Average rate of natural replacement (% of remaining stock)	.04	.04
Average rate of housing demolition (% of remaining stock)	.005	.005

Estimated Housing Units with 3.5+ gpf Toilets in 1997	7129.43	2068.21
Average resale rate	.0664	.1019
Average persons per unit	3.43	3.77
Average toilets per unit	1.5	1.2
Average savings per home (gpd; from Exhibit 6)	35.7	53.4

Single Family Housing Units

<u>Coverage Year</u>	<u>Unretrofitted Houses</u>	<u>Houses Sold</u>	<u>Houses Unsold</u>	<u>Sold and Retrofitted</u>	<u>Sold and Already Retrofitted</u>	<u>Unsold and Retrofitted</u>	<u>Gross ROR Savings (AFY)</u>	<u>Nat'l Replacement Only Savings (AFY)</u>	<u>Net ROR Savings (AFY)</u>
2008	6393.50	471.03	6622.76	471.03		264.91	247.72	229.64	18.08
2009	5733.53	468.67	6589.65	422.41	46.27	237.56	274.10	240.53	33.57
2010	5141.68	466.33	6556.70	378.80	87.53	213.04	297.77	250.99	46.78
2011	4610.93	464.00	6523.91	339.70	124.30	191.05	318.99	261.03	57.95
2012	4134.97	461.68	6491.29	304.63	157.04	171.33	338.02	270.68	67.34
2013	3708.13	459.37	6458.84	273.19	186.18	153.64	355.08	279.94	75.15
2014	3325.36	457.07	6426.54	244.99	212.08	137.78	370.39	288.83	81.56
2015	2982.10	454.79	6394.41	219.70	235.09	123.56	384.11	297.37	86.75
2016	2674.27	452.51	6362.44	197.02	255.49	110.81	396.42	305.57	90.86
2017	2398.22	450.25	6330.63	176.68	273.57	99.37	407.46	313.44	94.02

Multi Family Housing Units

<u>Coverage Year</u>	<u>Unretrofitted Houses</u>	<u>Houses Sold</u>	<u>Houses Unsold</u>	<u>Sold and Retrofitted</u>	<u>Sold and Already Retrofitted</u>	<u>Unsold and Retrofitted</u>	<u>Gross ROR Savings (AFY)</u>	<u>Nat'l Replacement Only Savings (AFY)</u>	<u>Net ROR Savings (AFY)</u>
2008	1784.59	209.70	1848.17	209.70		73.93	111.68	99.64	12.04
2009	1539.86	208.65	1838.93	180.94	27.71	63.79	126.32	104.37	21.95
2010	1328.69	207.61	1829.74	156.13	51.48	55.04	138.95	108.91	30.04
2011	1146.48	206.57	1820.59	134.72	71.85	47.49	149.85	113.27	36.58
2012	989.26	205.53	1811.48	116.24	89.29	40.98	159.25	117.45	41.80
2013	853.60	204.51	1802.43	100.30	104.21	35.36	167.36	121.47	45.89
2014	736.54	203.48	1793.42	86.55	116.94	30.51	174.36	125.33	49.03
2015	635.53	202.47	1784.45	74.68	127.79	26.33	180.40	129.03	51.37
2016	548.38	201.45	1775.53	64.44	137.02	22.72	185.62	132.59	53.03
2017	473.18	200.45	1766.65	55.60	144.85	19.60	190.11	136.01	54.11

Reported as of 9/2/10

Water Supply & Reuse

Reporting Unit:

City of Chino

Year:

2007**Water Supply Source Information**

Supply Source Name	Quantity (AF) Supplied	Supply Type
City Wells	8861.33	Groundwater
CDA	4689.56	Groundwater
WFA	4308.95	Imported
City Recycled	2303.9	Recycled

Total AF: 20163.74

Reported as of 9/2/10

Accounts & Water UseReporting Unit Name:
City of ChinoSubmitted to
CUWCC
12/30/2008Year:
2007**A. Service Area Population Information:**

1. Total service area population 62000

B. Number of Accounts and Water Deliveries (AF)

Type	Metered		Unmetered	
	No. of Accounts	Water Deliveries (AF)	No. of Accounts	Water Deliveries (AF)
1. Single-Family	15784	8454	0	0
2. Multi-Family	347	1182	0	0
3. Commercial	1522	2806	0	0
4. Industrial	11	416	0	0
5. Institutional	125	231	0	0
6. Dedicated Irrigation	865	2872	0	0
7. Recycled Water	126	2304	0	0
8. Other	43	790	0	0
9. Unaccounted	NA	0	NA	1108
Total	18823	19055	0	1108

Metered**Unmetered**

Reported as of 9/2/10

BMP 01: Water Survey Programs for Single-Family and Multi-Family Residential Customers

Reporting Unit:
City of Chino

BMP Form Status:
100% Complete

Year:
2007

A. Implementation

- | | |
|------------------------------------------------------------------------------------------------------------------------------|------------|
| 1. Based on your signed MOU date, 11/27/2006, your Agency STRATEGY DUE DATE is: | 11/26/2008 |
| 2. Has your agency developed and implemented a targeting/marketing strategy for SINGLE-FAMILY residential water use surveys? | no |
| a. If YES, when was it implemented? | |
| 3. Has your agency developed and implemented a targeting/marketing strategy for MULTI-FAMILY residential water use surveys? | no |
| a. If YES, when was it implemented? | |

B. Water Survey Data

Survey Counts:	Single Family Accounts	Multi-Family Units
1. Number of surveys offered:	0	0
2. Number of surveys completed:	0	0
Indoor Survey:		
3. Check for leaks, including toilets, faucets and meter checks	no	no
4. Check showerhead flow rates, aerator flow rates, and offer to replace or recommend replacement, if necessary	no	no
5. Check toilet flow rates and offer to install or recommend installation of displacement device or direct customer to ULFT replacement program, as necessary; replace leaking toilet flapper, as necessary	no	no
Outdoor Survey:		
6. Check irrigation system and timers	no	no
7. Review or develop customer irrigation schedule	no	no
8. Measure landscaped area (Recommended but not required for surveys)	no	no
9. Measure total irrigable area (Recommended but not required for surveys)	no	no
10. Which measurement method is typically used (Recommended but not required for surveys)		None
11. Were customers provided with information packets that included evaluation results and water savings recommendations?	no	no
12. Have the number of surveys offered and completed, survey results, and survey costs been tracked?	no	no
a. If yes, in what form are surveys tracked?		
b. Describe how your agency tracks this information.		

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Reported as of 9/2/10

BMP 02: Residential Plumbing Retrofit

Reporting Unit:

BMP Form Status:

Year:

City of Chino

100% Complete

2007

A. Implementation

1. Is there an enforceable ordinance in effect in your service area requiring replacement of high-flow showerheads and other water use fixtures with their low-flow counterparts? no
- a. If YES, list local jurisdictions in your service area and code or ordinance in each:
2. Has your agency satisfied the 75% saturation requirement for single-family housing units? Yes
3. Estimated percent of single-family households with low-flow showerheads: 75%
4. Has your agency satisfied the 75% saturation requirement for multi-family housing units? Yes
5. Estimated percent of multi-family households with low-flow showerheads: 75%
6. If YES to 2 OR 4 above, please describe how saturation was determined, including the dates and results of any survey research.

B. Low-Flow Device Distribution Information

1. Has your agency developed a targeting/ marketing strategy for distributing low-flow devices? no
- a. If YES, when did your agency begin implementing this strategy?
- b. Describe your targeting/ marketing strategy.
- | Low-Flow Devices Distributed/ Installed | SF Accounts | MF Units |
|--------------------------------------------------------------------------|-------------|----------|
| 2. Number of low-flow showerheads distributed: | 0 | 0 |
| 3. Number of toilet-displacement devices distributed: | 0 | 0 |
| 4. Number of toilet flappers distributed: | 0 | 0 |
| 5. Number of faucet aerators distributed: | 0 | 0 |
| 6. Does your agency track the distribution and cost of low-flow devices? | | no |
| a. If YES, in what format are low-flow devices tracked? | | |
| b. If yes, describe your tracking and distribution system : | | |

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No
- a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1, and why you consider it to be "at least as effective as."

D. Comments

Reported as of 9/2/10

BMP 03: System Water Audits, Leak Detection and Repair

Reporting Unit:

BMP Form Status:

Year:

City of Chino

100% Complete

2007

A. Implementation

1. Does your agency own or operate a water distribution system? yes
2. Has your agency completed a pre-screening system audit for this reporting year? yes
3. If YES, enter the values (AF/Year) used to calculate verifiable use as a percent of total production:
 - a. Determine metered sales (AF) 16752
 - b. Determine other system verifiable uses (AF) 4
 - c. Determine total supply into the system (AF) 17860
 - d. Using the numbers above, if (Metered Sales + Other Verifiable Uses) / Total Supply is < 0.9 then a full-scale system audit is required. 0.94
4. Does your agency keep necessary data on file to verify the values entered in question 3? yes
5. Did your agency complete a full-scale audit during this report year? no
6. Does your agency maintain in-house records of audit results or completed AWWA M36 audit worksheets for the completed audit which could be forwarded to CUWCC? no
7. Does your agency operate a system leak detection program? no
 - a. If yes, describe the leak detection program:

B. Survey Data

1. Total number of miles of distribution system line. 251
2. Number of miles of distribution system line surveyed. 0

C. "At Least As Effective As"

1. Is your agency implementing an "at least as effective as" variant of this BMP? No
 - a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Metered water sales are approximate values due to limitations in the City's utility billing system.

Voluntary Questions (Not used to calculate compliance)**E. Volumes**

- | | Estimated | Verified |
|-----------------------------------------------------|-----------|----------|
| 1. Volume of raw water supplied to the system: | | |
| 2. Volume treated water supplied into the system: | | |
| 3. Volume of water exported from the system: | | |
| 4. Volume of billed authorized metered consumption: | | |

5. Volume of billed authorized unmetered consumption:
6. Volume of unbilled authorized metered consumption:
7. Volume of unbilled authorized unmetered consumption:

F. Infrastructure and Hydraulics

1. System input (source or master meter) volumes metered at the entry to the:
2. How frequently are they tested and calibrated?
3. Length of mains:
4. What % of distribution mains are rigid pipes (metal, ac, concrete)?
5. Number of service connections:
6. What % of service connections are rigid pipes (metal)?
7. Are residential properties fully metered?
8. Are non-residential properties fully metered?
9. Provide an estimate of customer meter under-registration:
10. Average length of customer service line from the main to the point of the meter:
11. Average system pressure:
12. Range of system pressures:

From to

13. What percentage of the system is fed from gravity feed?
14. What percentage of the system is fed by pumping and re-pumping?

G. Maintenance Questions

1. Who is responsible for providing, testing, repairing and replacing customer meters?
2. Does your agency test, repair and replace your meters on a regular timed schedule?
 - a. If yes, does your agency test by meter size or customer category?:
 - Less than or equal to 1"
 - 1.5" to 2"
 - 3" and Larger
 - b. If yes to meter size, please provide the frequency of testing by meter size:
 - c. If yes to customer category, provide the frequency of testing by customer category:
 - SF residential
 - MF residential
 - Commercial
 - Industrial & Institutional
3. Who is responsible for repairs to the customer lateral or customer service line?
4. Who is responsible for service line repairs downstream of the customer meter?
5. Does your agency proactively search for leaks using leak survey techniques or does your utility reactively repair leaks

which are called in, or both?

6. What is the utility budget breakdown for:

Leak Detection	\$
Leak Repair	\$
Auditing and Water Loss Evaluation	\$
Meter Testing	\$

H. Comments

Reported as of 9/2/10

BMP 04: Metering with Commodity Rates for all New Connections and Retrofit of Existing

Reporting Unit:

BMP Form Status:

Year:

City of Chino

100% Complete

2007

A. Implementation

1. Does your agency have any unmetered service connections? No
 - a. If YES, has your agency completed a meter retrofit plan?
 - b. If YES, number of previously unmetered accounts fitted with meters during report year:
2. Are all new service connections being metered and billed by volume of use? Yes
3. Are all new service connections being billed volumetrically with meters? Yes
4. Has your agency completed and submitted electronically to the Council a written plan, policy or program to test, repair and replace meters? Yes
5. Please fill out the following matrix:

Account Type	Number of Metered Accounts	Number of Metered Accounts Read	Number of Metered Accounts Billed by Volume	Billing Frequency Per Year	Number of Volume Estimates
a. Single Family	15784	15784	15784	12	12
b. Multi-Family	347	347	347	12	12
c. Commercial	1522	1522	1522	12	12
d. Industrial	11	11	11	12	12
e. Institutional	125	125	92	12	12
f. Landscape Irrigation	865	865	703	12	12

B. Feasibility Study

1. Has your agency conducted a feasibility study to assess the merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters? no
 - a. If YES, when was the feasibility study conducted? (mm/dd/yy)
 - b. Describe the feasibility study:
2. Number of CII accounts with mixed-use meters: 739
3. Number of CII accounts with mixed-use meters retrofitted with dedicated irrigation meters during reporting period. 0

C. "At Least As Effective As"

1. Is your agency implementing an "at least as effective as" variant of this BMP? No
 - a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

The number of Institutional accounts, Landscape Irrigation accounts, and CII accounts with mixed-use meters are approximate due to limitations in the City's utility billing system.

Reported as of 9/2/10

BMP 05: Large Landscape Conservation Programs and IncentivesReporting Unit:
City of ChinoBMP Form Status:
100% CompleteYear:
2007**A. Water Use Budgets**

- | | |
|----------------------------------------------------------------------------------------------|-----|
| 1. Number of Dedicated Irrigation Meter Accounts: | 916 |
| 2. Number of Dedicated Irrigation Meter Accounts with Water Budgets: | 0 |
| 3. Budgeted Use for Irrigation Meter Accounts with Water Budgets (AF) during reporting year: | 0 |
| 4. Actual Use for Irrigation Meter Accounts with Water Budgets (AF) during reporting year: | 0 |
| 5. Does your agency provide water use notices to accounts with budgets each billing cycle? | no |

B. Landscape Surveys

- | | |
|----------------------------------------------------------------------------------------------------------------------|------------|
| 1. Has your agency developed a marketing / targeting strategy for landscape surveys? | yes |
| a. If YES, when did your agency begin implementing this strategy? | 09/30/2006 |
| b. Description of marketing / targeting strategy: | |
| Target local schools and public facilities (e.g. recreational parks) because these sites have large landscape areas. | |
| 2. Number of Surveys Offered during reporting year. | 18 |
| 3. Number of Surveys Completed during reporting year. | 18 |
| 4. Indicate which of the following Landscape Elements are part of your survey: | |
| a. Irrigation System Check | yes |
| b. Distribution Uniformity Analysis | yes |
| c. Review / Develop Irrigation Schedules | yes |
| d. Measure Landscape Area | yes |
| e. Measure Total Irrigable Area | yes |
| f. Provide Customer Report / Information | yes |
| 5. Do you track survey offers and results? | no |
| 6. Does your agency provide follow-up surveys for previously completed surveys? | no |
| a. If YES, describe below: | |

C. Other BMP 5 Actions

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------|----|
| 1. An agency can provide mixed-use accounts with ETo-based landscape budgets in lieu of a large landscape survey program. | no |
| Does your agency provide mixed-use accounts with landscape budgets? | |
| 2. Number of CII mixed-use accounts with landscape budgets. | 0 |
| Number of CII accounts with mixed-use meters retrofitted with dedicated irrigation meters during reporting period. (From BMP 4 report) | 0 |
| Total number of change-outs from mixed-use to dedicated irrigation meters since Base Year. | |

3. Do you offer landscape irrigation training? no

4. Does your agency offer financial incentives to improve landscape water use efficiency? yes

Type of Financial Incentive:	Budget (Dollars/Year)	Number Awarded to Customers	Total Amount Awarded
a. Rebates	1260	2	1260
b. Loans	0	0	0
c. Grants	0	0	0

5. Do you provide landscape water use efficiency information to new customers and customers changing services? yes

a. If YES, describe below:

The City provides water use efficiency information to customers through the City website and through the annual water quality report. The City also provides new homeowners with an educational package that contains information on water use efficiency.

6. Do you have irrigated landscaping at your facilities? yes

a. If yes, is it water-efficient? yes

b. If yes, does it have dedicated irrigation metering? yes

7. Do you provide customer notices at the start of the irrigation season? no

8. Do you provide customer notices at the end of the irrigation season? no

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

The number of dedicated irrigation meter accounts includes both potable and recycled water. The majority of City facilities have dedicated irrigation metering. The City plans to install SMART irrigation controllers at all City facilities (e.g parks).

Reported as of 9/2/10

BMP 06: High-Efficiency Washing Machine Rebate ProgramsReporting Unit:
City of ChinoBMP Form Status:
100% CompleteYear:
2007**A. Coverage Goal**

	Single Family	Multi-Family
1. Number of residential dwelling units in the agency service area.	14,934	4,003
2. Coverage Goal =	= 364 Points	

B. Implementation1. Does your agency offer rebates for **residential** high-efficiency washers? **yes****Total Value of Financial Incentives**

HEW Water Factor	Number of Financial Incentives Issued	Retail Water Agency	Wholesaler/ Grants (if applicable)	Energy Utility (if applicable)	TOTAL	POINTS AWARDED
2. Greater than 8.5 but not exceeding 9.5 (1 point)	0	\$ 0	\$ 0	\$ 0	\$ 0	0
3. Greater than 6.0 but not exceeding 8.5 (2 points)	0	\$ 0	\$ 0	\$ 0	\$ 0	0
4. Less than or equal to 6.0 (3 points)	146	\$ 0	\$ 16,060	\$ 0	\$ 16,060	438
TOTALS:	146	\$ 0	\$ 16,060	\$ 0	\$ 16,060	438

C. Past Credit Points

For HEW incentives issued before July 1, 2004, select ONE of the following TWO options:

- Method One: Points based on HEW Water Factor
- Method Two: Agency earns 1 point for each HEW.

Method One: Points based on HEW Water Factor

HEW Water Factor	Number of Financial Incentives Issued	Total Value of Water Agency Financial Incentives	POINTS AWARDED
1. Greater than 8.5 but not exceeding 9.5 (1 point each)	0	\$ 0	0
2. Greater than 6.0 but not exceeding 8.5 (2 points each)	0	\$ 0	0

3. Less than or equal to 6.0 (3 points each)	257	\$ 28,527	771
-------------------------------------------------	-----	-----------	-----

PAST CREDIT TOTALS:	257	\$ 28,527	771
--------------------------------	------------	------------------	------------

D. Rebate Program Expenditures

- | | |
|---------------------------------------------------------------------------------------------------------------------|--------|
| 1. Average or Estimated Administration and Overhead | \$ 945 |
| 2. Is the financial incentive offered per HEW at least equal to the marginal benefits of the water savings per HEW? | yes |

E. "At Least As Effective As"

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| 1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? | no |
| a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as." | |

F. Comments

The administration and overhead is estimated based on the City's contribution to the Regional Water Conservation Program.

Reported as of 9/2/10

BMP 07: Public Information Programs

Reporting Unit:

BMP Form Status:

Year:

City of Chino

100% Complete

2007

A. Implementation

1. How is your public information program implemented?

Wholesaler and retailer both materially participate in program

Which wholesaler(s)?

Inland Empire Utilities Agency

2. Describe the program and how it's organized:

Public Works and Finance Department staff members participate in various public information activities as part of their regular duties. These activities help educate customers about water conservation.

3. Indicate which and how many of the following activities are included in your public information program:

Public Information Program Activity in Retail Service Area	Yes/No	Number of Events
a. Paid Advertising	yes	1
b. Public Service Announcement	yes	1
c. Bill Inserts / Newsletters / Brochures	yes	11
d. Bill showing water usage in comparison to previous year's usage	yes	
e. Demonstration Gardens	yes	1
f. Special Events, Media Events	yes	3
g. Speaker's Bureau	no	
h. Program to coordinate with other government agencies, industry and public interest groups and media	yes	

B. Conservation Information Program Expenditures

1. Annual Expenditures (Excluding Staffing)

11970

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP?

No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

The Chino Basin Public Outreach Campaign through the Inland Valley Daily Bulletin is represented above in 3a, 3b, and 3h.

Reported as of 9/2/10

BMP 08: School Education Programs

Reporting Unit:

BMP Form Status:

Year:

City of Chino

100% Complete

2007

A. Implementation

1. How is your public information program implemented?

Retailer runs program without wholesaler sponsorship

2. Please provide information on your region-wide school programs (by grade level):

Grade	Are grade-appropriate materials distributed?	No. of class presentations	No. of students reached	No. of teachers' workshops
Grades K-3rd	yes	6	2023	0
Grades 4th-6th	yes	7	1926	0
Grades 7th-8th	no	0	0	0
High School	no	0	0	0

4. Did your Agency's materials meet state education framework requirements? yes

5. When did your Agency begin implementing this program? 04/01/1991

B. School Education Program Expenditures

1. Annual Expenditures (Excluding Staffing) 6762

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Reported as of 9/2/10

BMP 09: Conservation Programs for CII Accounts

Reporting Unit:

BMP Form Status:

Year:

City of Chino

100% Complete

2007

A. Implementation

1. Has your agency identified and ranked COMMERCIAL customers according to use? yes
2. Has your agency identified and ranked INDUSTRIAL customers according to use? yes
3. Has your agency identified and ranked INSTITUTIONAL customers according to use? yes

Option A: CII Water Use Survey and Customer Incentives Program

4. Is your agency operating a CII water use survey and customer incentives program for the purpose of complying with BMP 9 under this option? If so, please describe activity during reporting period: no

CII Surveys	Commercial Accounts	Industrial Accounts	Institutional Accounts
a. Number of New Surveys Offered	0	0	0
b. Number of New Surveys Completed	0	0	0
c. Number of Site Follow-ups of Previous Surveys (within 1 yr)	0	0	0
d. Number of Phone Follow-ups of Previous Surveys (within 1 yr)	0	0	0

CII Survey Components	Commercial Accounts	Industrial Accounts	Institutional Accounts
e. Site Visit	no	no	no
f. Evaluation of all water-using apparatus and processes	no	no	no
g. Customer report identifying recommended efficiency measures, paybacks and agency incentives	no	no	no

Agency CII Customer Incentives	Budget (\$/Year)	# Awarded to Customers	Total \$ Amount Awarded
h. Rebates	0	0	0
i. Loans	0	0	0
j. Grants	0	0	0
k. Others	0	0	0

Option B: CII Conservation Program Targets

5. Does your agency track CII program interventions and water savings for the purpose of complying with BMP 9 under this yes

option?

6. Does your agency document and maintain records on how savings were realized and the method of calculation for estimated savings?

yes

7. **System Calculated** annual savings (AF/yr):

CII Programs	Avg Savings (AF/yr)	# Device Installations	Annual Savings/Program (AF/yr)
a. Ultra Low Flush Toilets	.035004	0	0
b. Dual Flush Toilets	.041748	0	0
c. High Efficiency Toilets	.041748	0	0
d. High-Efficiency Urinals	.069086	0	0
e. Non-Water Urinals	.0921146	1	.0921146
f. Commercial Clothes Washers (only coin-op; not industrial)	.116618	24	2.798832
g. Cooling Tower Conductivity Controllers	1.03225	1	1.03225
h. Food Steamers	.25	0	0
i. Ice Machines	.834507	0	0
j. Pre-Rinse Spray Valves	.084701	0	0
k. Steam Sterilizer Retrofits	1.538	0	0
l. X-ray Film Processors	2.57	0	0

Total System Calculated Savings: 3.9231966

8. **Estimated** annual savings (AF/yr) from agency programs not including the devices listed in Option B. 7., above:

CII Programs	Annual Savings (AF/yr)
a. Site-verified actions taken by agency:	0
None	
b. Non-site-verified actions taken by agency*:	1.3 (x 25%)

Weather-based Irrigation Controller

*Note: Agencies may credit **100%** of estimated annual savings of interventions that have been site verified and **25%** of estimated annual savings of interventions that have not been site verified. (BMP 9 E.4.c.)

TOTAL CII Program Performance Target Savings: 4.2481966

B. Conservation Program Expenditures for CII Accounts

	This Year	Next Year
1. Budgeted Expenditures	3780	3952
2. Actual Expenditures	1680	

C. "At Least As Effective As"

1. Is your agency implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Water Savings are tracked through the Regional Water Conservation Program. The City's budgeted expenditures are estimated based on the

City's contribution to the Regional Water Conservation Program.



Reported as of 9/2/10

BMP 11: Conservation Pricing

Reporting Unit:

BMP Form Status:

Year:

City of Chino

100% Complete

2007

A. Implementation**Water Service Rate Structure Data by Customer Class****1. Single Family Residential**

a. Rate Structure	Uniform
b. Total Revenue from Commodity Charges (Volumetric Rates)	\$ 3,113,995
c. Total Revenue from Customer Meter/Service (Fixed) Charges	\$ 2,132,752

2. Multi-Family Residential

a. Rate Structure	Uniform
b. Total Revenue from Commodity Charges (Volumetric Rates)	\$ 435,207
c. Total Revenue from Customer Meter/Service (Fixed) Charges	\$ 298,070

3. Commercial

a. Rate Structure	Uniform
b. Total Revenue from Commodity Charges (Volumetric Rates)	\$ 1,033,906
c. Total Revenue from Customer Meter/Service (Fixed) Charges	\$ 708,034

4. Industrial

a. Rate Structure	Uniform
b. Total Revenue from Commodity Charges (Volumetric Rates)	\$ 153,455
c. Total Revenue from Customer Meter/Service (Fixed) Charges	\$ 105,100

5. Institutional / Government

a. Rate Structure	Uniform
b. Total Revenue from Commodity Charges (Volumetric Rates)	\$ 84,913
c. Total Revenue from Customer Meter/Service (Fixed) Charges	\$ 58,237

6. Dedicated Irrigation (potable)

a. Rate Structure	Uniform
b. Total Revenue from Commodity Charges (Volumetric Rates)	\$ 1,058,006
c. Total Revenue from Customer Meter/Service (Fixed) Charges	\$ 724,621

7. Recycled-Reclaimed

a. Rate Structure	Uniform
b. Total Revenue from Commodity Charges (Volumetric Rates)	\$ 548,552
c. Total Revenue from Customer Meter/Service (Fixed) Charges	\$ 0

8. Raw

- | | |
|-----------------------------------------------------------------|----------------------|
| a. Rate Structure | Service Not Provided |
| b. Total Revenue from Commodity Charges
(Volumetric Rates) | \$ 0 |
| c. Total Revenue from Customer Meter/Service
(Fixed) Charges | \$ 0 |

9. Other

- | | |
|-----------------------------------------------------------------|------------|
| a. Rate Structure | Uniform |
| b. Total Revenue from Commodity Charges
(Volumetric Rates) | \$ 291,133 |
| c. Total Revenue from Customer Meter/Service
(Fixed) Charges | \$ 199,395 |

B. Implementation Options**Select Either Option 1 or Option 2:****1. Option 1: Use Annual Revenue As Reported**

$$V/(V+M) \geq 70\%$$

Selected

V = Total annual revenue from volumetric rates

M = Total annual revenue from customer meter/service (fixed) charges

2. Option 2: Use Canadian Water & Wastewater**Association Rate Design Model**

$$V/(V+M) \geq V'/(V'+M')$$

V = Total annual revenue from volumetric rates

M = Total annual revenue from customer meter/service (fixed) charges

V' = The uniform volume rate based on the signatory's long-run incremental cost of service

M' = The associated meter charge

a. If you selected Option 2, has your agency submitted to the Council a completed Canadian Water & Wastewater Association rate design model?

b. Value for V' (uniform volume rate based on agency's long-run incremental cost of service) as determined by the Canadian Water & Wastewater Association rate design model:

c. Value for M' (meter charge associated with V' uniform volume rate) as determined by the Canadian Water & Wastewater Association rate design model:

C. Retail Wastewater (Sewer) Rate Structure Data by Customer Class

1. Does your agency provide sewer service? (If YES, answer questions 2 - 7 below, else continue to section D.) yes

2. Single Family Residential

- | | |
|---------------------------------------------------------------|--------------------------|
| a. Sewer Rate Structure | Non-volumetric Flat Rate |
| b. Total Annual Revenue | \$ 1,286,050 |
| c. Total Revenue from Commodity
Charges (Volumetric Rates) | \$ 1,286,050 |

3. Multi-Family Residential

- | | |
|---------------------------------------------------------------|--------------------------|
| a. Sewer Rate Structure | Non-volumetric Flat Rate |
| b. Total Annual Revenue | \$ 14,450 |
| c. Total Revenue from Commodity
Charges (Volumetric Rates) | \$ 14,450 |

4. Commercial

- | | |
|---------------------------------------------------------------|------------|
| a. Sewer Rate Structure | Uniform |
| b. Total Annual Revenue | \$ 115,600 |
| c. Total Revenue from Commodity
Charges (Volumetric Rates) | \$ 115,600 |

5. Industrial

- | | |
|------------------------------------------------------------|-----------|
| a. Sewer Rate Structure | Uniform |
| b. Total Annual Revenue | \$ 14,450 |
| c. Total Revenue from Commodity Charges (Volumetric Rates) | \$ 14,450 |

6. Institutional / Government

- | | |
|------------------------------------------------------------|-----------|
| a. Sewer Rate Structure | Uniform |
| b. Total Annual Revenue | \$ 14,450 |
| c. Total Revenue from Commodity Charges (Volumetric Rates) | \$ 14,450 |

7. Recycled-reclaimed water

- | | |
|------------------------------------------------------------|----------------------|
| a. Sewer Rate Structure | Service Not Provided |
| b. Total Annual Revenue | \$ 0 |
| c. Total Revenue from Commodity Charges (Volumetric Rates) | \$ 0 |

D. "At Least As Effective As"

1. Is your agency implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

Precise Water and Sewer service revenue figures by sector type are not available due to limitations of the City's Utility Billing System. The revenue figures reported above are estimates based on available information and reasonable assumptions.

Reported as of 9/2/10

BMP 12: Conservation CoordinatorReporting Unit:
City of ChinoBMP Form Status:
100% CompleteYear:
2007**A. Implementation**

1. Does your Agency have a conservation coordinator? yes
2. Is a coordinator position supplied by another agency with which you cooperate in a regional conservation program ? yes
 - a. Partner agency's name: CBWCD/IEUA
3. If your agency supplies the conservation coordinator:
 - a. What percent is this conservation coordinator's position? 50%
 - b. Coordinator's Name Michael Hornock
 - c. Coordinator's Title Water Quality Technician
 - d. Coordinator's Experience in Number of Years Oversight of the agency's water conservation programs and BMP implementation, communication of water conservation issues to upper management, participation at regional water conservation meetings, and recycled water conversion program - 5 years on the job
 - e. Date Coordinator's position was created (mm/dd/yyyy) 02/16/1982
4. Number of conservation staff (FTEs), including Conservation Coordinator. 1

B. Conservation Staff Program Expenditures

1. Staffing Expenditures (In-house Only) 100000
2. BMP Program Implementation Expenditures 50000

C. "At Least As Effective As"

1. Is your agency implementing an "at least as effective as" variant of this BMP? no
 - a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Various staff members implement the duties of the Conservation Coordinator position as a group. Staff members with water conservation duties include Water Meter Reader, the Water Quality Technician, Associate Engineer, Water Utilities Supervisor, and Water & Environmental Manager. Staffing expenditures and BMP Program implementation expenditures are estimated figures. The percentage of time the coordinator dedicates to water conservation is also estimated.

Reported as of 9/2/10

BMP 13: Water Waste ProhibitionReporting Unit:
City of ChinoBMP Form Status:
100% CompleteYear:
2007**A. Requirements for Documenting BMP Implementation**

1. Is a water waste prohibition ordinance in effect in your service area? yes

a. If YES, describe the ordinance:

City of Chino Water Conservation Ordinance (Chapter 13.05): It is declared that because of the water conditions prevailing in the city, region and the state of California, the general welfare requires that the waste or unreasonable use of water be prevented, and that the conservation of water is to be encouraged.

2. Is a copy of the most current ordinance(s) on file with CUWCC? no

a. List local jurisdictions in your service area in the first text box and water waste ordinance citations in each jurisdiction in the second text box:

None

None

B. Implementation

1. Indicate which of the water uses listed below are prohibited by your agency or service area.

a. Gutter flooding no

b. Single-pass cooling systems for new connections no

c. Non-recirculating systems in all new conveyor or car wash systems no

d. Non-recirculating systems in all new commercial laundry systems no

e. Non-recirculating systems in all new decorative fountains no

f. Other, please name

Irrigation runoff into a drain or gutter, landscape irrigation during certain hours of the day or days of the week, leaks, vehicle washing without shutoff nozzles, and serving water to customers at restaurants unless specifically requested yes

2. Describe measures that prohibit water uses listed above:

The City's Water Conservation Ordinance prohibits the water uses listed above during a water shortage declared by the City Council.

Water Softeners:

3. Indicate which of the following measures your agency has supported in developing state law:

a. Allow the sale of more efficient, demand-initiated regenerating DIR models. no

b. Develop minimum appliance efficiency standards that:

i.) Increase the regeneration efficiency standard to at least 3,350 grains of hardness removed per pound of common salt used. no

ii.) Implement an identified maximum number of gallons discharged per gallon of soft water produced. no

c. Allow local agencies, including municipalities and special

districts, to set more stringent standards and/or to ban on-site regeneration of water softeners if it is demonstrated and found by the agency governing board that there is an adverse effect on the reclaimed water or groundwater supply.

no

4. Does your agency include water softener checks in home water audit programs?

no

5. Does your agency include information about DIR and exchange-type water softeners in educational efforts to encourage replacement of less efficient timer models?

no

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP?

no

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Chino is revising its Water Conservation Ordinance. The proposed revised ordinance will describe certain water uses (such as those listed in Section B above) that would be prohibited at all times.

Reported as of 9/2/10

BMP 14: Residential ULFT Replacement Programs

Reporting Unit:

BMP Form Status:

Year:

City of Chino

100% Complete

2007

A. Implementation**Number of Non-Efficient Toilets Replaced With 1.6 gpf Toilets During Report Year**

	Single-Family Accounts	Multi- Family Units
1. Does your Agency have program(s) for replacing high-water-using toilets with ultra-low flush toilets?	yes	yes
Replacement Method	SF Accounts	MF Units
2. Rebate	11	0
3. Direct Install	0	768
4. CBO Distribution	0	0
5. Other	0	0
Total	11	768

Number of Non-Efficient Toilets Replaced With 1.28 gpf High-Efficiency Toilets (HETs) During Report Year

	Single-Family Accounts	Multi- Family Units
6. Does your Agency have program(s) for replacing high-water-using toilets with ultra-low flush toilets?	yes	yes
Replacement Method	SF Accounts	MF Units
7. Rebate	0	0
8. Direct Install	0	0
9. CBO Distribution	0	0
10. Other	0	0
Total	0	0

Number of Non-Efficient Toilets Replaced With 1.2 gpf HETs (Dual-Flush) During Report Year

	Single-Family Accounts	Multi- Family Units
11. Does your Agency have program(s) for replacing high-water-using toilets with ultra-low flush toilets?	no	no
Replacement Method	SF Accounts	MF Units
12. Rebate	0	0
13. Direct Install	0	0
14. CBO Distribution	0	0
15. Other	0	0
Total	0	0

16. Describe your agency's ULFT, HET, and/or Dual-Flush Toilet programs for

single-family residences.

Since the mid 1990's, the City and IEUA have implemented numerous toilet distribution programs for single-family customers in the Chino service area. More recent programs focus on toilet replacement with rebates.

17. Describe your agency's ULFT, HET, and/or Dual-Flush Toilet programs for multi-family residences.

Since the mid 1990's, the City and IEUA have implemented numerous toilet distribution programs for multi-family customers in the Chino service area. Multi-family direct distribution programs began in approximately 2001 and direct installation programs began in approximately 2003.

18. Is a toilet retrofit on resale ordinance in effect for your service area? no

19. List local jurisdictions in your service area in the left box and ordinance citations in each jurisdiction in the right box:

B. Residential ULFT Program Expenditures

1. Estimated cost per replacement: \$ 168

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? no

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Reported as of 9/2/10

Water Supply & Reuse

Reporting Unit:

City of Chino

Year:

2008**Water Supply Source Information**

Supply Source Name	Quantity (AF) Supplied	Supply Type
City Wells	7608.22	Groundwater
CDA	5438.11	Groundwater
WFA	4502.89	Imported
City Recycled	2900.5	Recycled

Total AF: 20449.72

Reported as of 9/2/10

Accounts & Water UseReporting Unit Name:
City of ChinoSubmitted to
CUWCC
12/30/2008Year:
2008**A. Service Area Population Information:**

1. Total service area population 63350

B. Number of Accounts and Water Deliveries (AF)

Type	Metered		Unmetered	
	No. of Accounts	Water Deliveries (AF)	No. of Accounts	Water Deliveries (AF)
1. Single-Family	15830	8659	0	0
2. Multi-Family	348	1167	0	0
3. Commercial	1539	3212	0	0
4. Industrial	10	350	0	0
5. Institutional	125	261	0	0
6. Dedicated Irrigation	885	3278	0	0
7. Recycled Water	161	2901	0	0
8. Other	32	254	0	0
9. Unaccounted	NA	0	NA	368
Total	18930	20082	0	368

Metered**Unmetered**

Reported as of 9/2/10

BMP 01: Water Survey Programs for Single-Family and Multi-Family Residential Customers

Reporting Unit:

City of Chino

BMP Form Status:

100% Complete

Year:

2008

A. Implementation

1. Based on your signed MOU date, 11/27/2006, your Agency STRATEGY DUE DATE is: 11/26/2008
2. Has your agency developed and implemented a targeting/marketing strategy for SINGLE-FAMILY residential water use surveys? no
 - a. If YES, when was it implemented?
3. Has your agency developed and implemented a targeting/marketing strategy for MULTI-FAMILY residential water use surveys? yes
 - a. If YES, when was it implemented? 02/01/2008

B. Water Survey Data

Survey Counts:	Single Family Accounts	Multi-Family Units
1. Number of surveys offered:	1	15
2. Number of surveys completed:	1	1

Indoor Survey:

3. Check for leaks, including toilets, faucets and meter checks no no
4. Check showerhead flow rates, aerator flow rates, and offer to replace or recommend replacement, if necessary no no
5. Check toilet flow rates and offer to install or recommend installation of displacement device or direct customer to ULFT replacement program, as necessary; replace leaking toilet flapper, as necessary no no

Outdoor Survey:

6. Check irrigation system and timers yes yes
7. Review or develop customer irrigation schedule yes yes
8. Measure landscaped area (Recommended but not required for surveys) yes yes
9. Measure total irrigable area (Recommended but not required for surveys) yes yes
10. Which measurement method is typically used (Recommended but not required for surveys) Odometer Wheel
11. Were customers provided with information packets that included evaluation results and water savings recommendations? yes yes
12. Have the number of surveys offered and completed, survey results, and survey costs been tracked? yes yes
 - a. If yes, in what form are surveys tracked? manual activity
 - b. Describe how your agency tracks this information.

City staff received hard-copies of completed audit reports from the Chino Basin Water Conservation District.

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

The surveys reported above were directly offered to residents via letter. Surveys were also offered to all City residents through the Chino Basin Water Conservation District's website.

Reported as of 9/2/10

BMP 02: Residential Plumbing Retrofit

Reporting Unit:

BMP Form Status:

Year:

City of Chino

100% Complete

2008

A. Implementation

1. Is there an enforceable ordinance in effect in your service area requiring replacement of high-flow showerheads and other water use fixtures with their low-flow counterparts? no
 - a. If YES, list local jurisdictions in your service area and code or ordinance in each:
2. Has your agency satisfied the 75% saturation requirement for single-family housing units? no
3. Estimated percent of single-family households with low-flow showerheads: %
4. Has your agency satisfied the 75% saturation requirement for multi-family housing units? no
5. Estimated percent of multi-family households with low-flow showerheads: %
6. If YES to 2 OR 4 above, please describe how saturation was determined, including the dates and results of any survey research.

B. Low-Flow Device Distribution Information

1. Has your agency developed a targeting/ marketing strategy for distributing low-flow devices? no
 - a. If YES, when did your agency begin implementing this strategy?
 - b. Describe your targeting/ marketing strategy.

Low-Flow Devices Distributed/ Installed	SF Accounts	MF Units
2. Number of low-flow showerheads distributed:	0	0
3. Number of toilet-displacement devices distributed:	0	0
4. Number of toilet flappers distributed:	0	0
5. Number of faucet aerators distributed:	0	0
6. Does your agency track the distribution and cost of low-flow devices? no		
a. If YES, in what format are low-flow devices tracked?		
b. If yes, describe your tracking and distribution system :		

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No
 - a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Reported as of 9/2/10

BMP 03: System Water Audits, Leak Detection and Repair

Reporting Unit:

BMP Form Status:

Year:

City of Chino

100% Complete

2008

A. Implementation

1. Does your agency own or operate a water distribution system? yes
2. Has your agency completed a pre-screening system audit for this reporting year? yes
3. If YES, enter the values (AF/Year) used to calculate verifiable use as a percent of total production:
 - a. Determine metered sales (AF) 17181
 - b. Determine other system verifiable uses (AF) 4
 - c. Determine total supply into the system (AF) 17549
 - d. Using the numbers above, if (Metered Sales + Other Verifiable Uses) / Total Supply is < 0.9 then a full-scale system audit is required. 0.98
4. Does your agency keep necessary data on file to verify the values entered in question 3? yes
5. Did your agency complete a full-scale audit during this report year? no
6. Does your agency maintain in-house records of audit results or completed AWWA M36 audit worksheets for the completed audit which could be forwarded to CUWCC? no
7. Does your agency operate a system leak detection program? no
 - a. If yes, describe the leak detection program:

B. Survey Data

1. Total number of miles of distribution system line. 252
2. Number of miles of distribution system line surveyed. 0

C. "At Least As Effective As"

1. Is your agency implementing an "at least as effective as" variant of this BMP? No
 - a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Metered water sales are approximate values due to limitations in the City's utility billing system.

Voluntary Questions (Not used to calculate compliance)**E. Volumes**

	Estimated	Verified
1. Volume of raw water supplied to the system:		
2. Volume treated water supplied into the system:		
3. Volume of water exported from the system:		
4. Volume of billed authorized metered consumption:		

1. Volume of raw water supplied to the system:
2. Volume treated water supplied into the system:
3. Volume of water exported from the system:
4. Volume of billed authorized metered consumption:

5. Volume of billed authorized unmetered consumption:
6. Volume of unbilled authorized metered consumption:
7. Volume of unbilled authorized unmetered consumption:

F. Infrastructure and Hydraulics

1. System input (source or master meter) volumes metered at the entry to the:
2. How frequently are they tested and calibrated?
3. Length of mains:
4. What % of distribution mains are rigid pipes (metal, ac, concrete)?
5. Number of service connections:
6. What % of service connections are rigid pipes (metal)?
7. Are residential properties fully metered?
8. Are non-residential properties fully metered?
9. Provide an estimate of customer meter under-registration:
10. Average length of customer service line from the main to the point of the meter:
11. Average system pressure:
12. Range of system pressures:

From to

13. What percentage of the system is fed from gravity feed?
14. What percentage of the system is fed by pumping and re-pumping?

G. Maintenance Questions

1. Who is responsible for providing, testing, repairing and replacing customer meters?
2. Does your agency test, repair and replace your meters on a regular timed schedule?
 - a. If yes, does your agency test by meter size or customer category?:
 - b. If yes to meter size, please provide the frequency of testing by meter size:
 - Less than or equal to 1"
 - 1.5" to 2"
 - 3" and Larger
 - c. If yes to customer category, provide the frequency of testing by customer category:
 - SF residential
 - MF residential
 - Commercial
 - Industrial & Institutional
3. Who is responsible for repairs to the customer lateral or customer service line?
4. Who is responsible for service line repairs downstream of the customer meter?
5. Does your agency proactively search for leaks using leak survey techniques or does your utility reactively repair leaks

which are called in, or both?

6. What is the utility budget breakdown for:

Leak Detection	\$
Leak Repair	\$
Auditing and Water Loss Evaluation	\$
Meter Testing	\$

H. Comments

Reported as of 9/2/10

BMP 04: Metering with Commodity Rates for all New Connections and Retrofit of ExistingReporting Unit:
City of ChinoBMP Form Status:
100% CompleteYear:
2008**A. Implementation**

1. Does your agency have any unmetered service connections? **No**
 - a. If YES, has your agency completed a meter retrofit plan?
 - b. If YES, number of previously unmetered accounts fitted with meters during report year:
2. Are all new service connections being metered and billed by volume of use? **Yes**
3. Are all new service connections being billed volumetrically with meters? **Yes**
4. Has your agency completed and submitted electronically to the Council a written plan, policy or program to test, repair and replace meters? **Yes**
5. Please fill out the following matrix:

Account Type	Number of Metered Accounts	Number of Metered Accounts Read	Number of Metered Accounts Billed by Volume	Billing Frequency Per Year	Number of Volume Estimates
a. Single Family	15830	15830	15830	12	12
b. Multi-Family	348	348	348	12	12
c. Commercial	1539	1539	1539	12	12
d. Industrial	10	10	10	12	12
e. Institutional	125	125	92	12	12
f. Landscape Irrigation	885	885	720	12	12

B. Feasibility Study

1. Has your agency conducted a feasibility study to assess the merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters? **no**
 - a. If YES, when was the feasibility study conducted? (mm/dd/yy)
 - b. Describe the feasibility study:
2. Number of CII accounts with mixed-use meters: **770**
3. Number of CII accounts with mixed-use meters retrofitted with dedicated irrigation meters during reporting period. **0**

C. "At Least As Effective As"

1. Is your agency implementing an "at least as effective as" variant of this BMP? **No**
 - a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

The number of Institutional accounts, Landscape Irrigation accounts, and CII accounts with mixed-use meters are approximate due to limitations in the City's utility billing system.

By _____

Reported as of 9/2/10

BMP 05: Large Landscape Conservation Programs and IncentivesReporting Unit:
City of ChinoBMP Form Status:
100% CompleteYear:
2008**A. Water Use Budgets**

- | | |
|----------------------------------------------------------------------------------------------|-----|
| 1. Number of Dedicated Irrigation Meter Accounts: | 987 |
| 2. Number of Dedicated Irrigation Meter Accounts with Water Budgets: | 0 |
| 3. Budgeted Use for Irrigation Meter Accounts with Water Budgets (AF) during reporting year: | 0 |
| 4. Actual Use for Irrigation Meter Accounts with Water Budgets (AF) during reporting year: | 0 |
| 5. Does your agency provide water use notices to accounts with budgets each billing cycle? | no |

B. Landscape Surveys

- | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1. Has your agency developed a marketing / targeting strategy for landscape surveys? | yes |
| a. If YES, when did your agency begin implementing this strategy? | 3/1/2008 |
| b. Description of marketing / targeting strategy: | |
| Identify non-residential customers that utilize the largest quantity of water based on utility billing data. These customers were directly offered surveys via letter. | |
| 2. Number of Surveys Offered during reporting year. | 30 |
| 3. Number of Surveys Completed during reporting year. | 3 |
| 4. Indicate which of the following Landscape Elements are part of your survey: | |
| a. Irrigation System Check | yes |
| b. Distribution Uniformity Analysis | yes |
| c. Review / Develop Irrigation Schedules | yes |
| d. Measure Landscape Area | yes |
| e. Measure Total Irrigable Area | yes |
| f. Provide Customer Report / Information | yes |
| 5. Do you track survey offers and results? | no |
| 6. Does your agency provide follow-up surveys for previously completed surveys? | no |
| a. If YES, describe below: | |

C. Other BMP 5 Actions

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------|----|
| 1. An agency can provide mixed-use accounts with ETo-based landscape budgets in lieu of a large landscape survey program. | no |
| Does your agency provide mixed-use accounts with landscape budgets? | |
| 2. Number of CII mixed-use accounts with landscape budgets. | 0 |
| Number of CII accounts with mixed-use meters retrofitted with dedicated irrigation meters during reporting period. (From BMP 4 report) | 0 |
| Total number of change-outs from mixed-use to | |

dedicated irrigation meters since Base Year.

3. Do you offer landscape irrigation training? no

4. Does your agency offer financial incentives to improve landscape water use efficiency? yes

Type of Financial Incentive:	Budget (Dollars/Year)	Number Awarded to Customers	Total Amount Awarded
a. Rebates	100000	2	18240
b. Loans	0	0	0
c. Grants	0	0	0

5. Do you provide landscape water use efficiency information to new customers and customers changing services? yes

a. If YES, describe below:

The City provides water use efficiency information to customers through the City website and through the annual water quality report. The City also provides new homeowners with an educational packet that contains information on water use efficiency.

6. Do you have irrigated landscaping at your facilities? yes

a. If yes, is it water-efficient? yes

b. If yes, does it have dedicated irrigation metering? yes

7. Do you provide customer notices at the start of the irrigation season? no

8. Do you provide customer notices at the end of the irrigation season? no

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

The surveys reported above were directly offered via letter. Surveys were also offered through the Chino Basin Water Conservation District's website. The number of dedicated irrigation meter accounts includes both potable and recycled water. The majority of City facilities have dedicated irrigation metering. The City plans to install SMART irrigation controllers at all City facilities(e.g parks). The budget reported above represents IEUA's regional program budget for the synthetic turf rebate program.

Reported as of 9/2/10

BMP 06: High-Efficiency Washing Machine Rebate ProgramsReporting Unit:
City of ChinoBMP Form Status:
100% CompleteYear:
2008**A. Coverage Goal**

	Single Family	Multi-Family
1. Number of residential dwelling units in the agency service area.	14,934	4,003
2. Coverage Goal =	= 364 Points	

B. Implementation1. Does your agency offer rebates for **residential** high-efficiency washers? **yes****Total Value of Financial Incentives**

HEW Water Factor	Number of Financial Incentives Issued	Retail Water Agency	Wholesaler/ Grants (if applicable)	Energy Utility (if applicable)	TOTAL	POINTS AWARDED
2. Greater than 8.5 but not exceeding 9.5 (1 point)	0	\$ 0	\$ 0	\$ 0	\$ 0	0
3. Greater than 6.0 but not exceeding 8.5 (2 points)	0	\$ 0	\$ 0	\$ 0	\$ 0	0
4. Less than or equal to 6.0 (3 points)	170	\$ 0	\$ 18,700	\$ 0	\$ 18,700	510
TOTALS:	170	\$ 0	\$ 18,700	\$ 0	\$ 18,700	510

C. Past Credit Points**For HEW incentives issued before July 1, 2004, select ONE of the following TWO options:**

- Method One: Points based on HEW Water Factor
- Method Two: Agency earns 1 point for each HEW.

Method One: Points based on HEW Water Factor

HEW Water Factor	Number of Financial Incentives Issued	Total Value of Water Agency Financial Incentives	POINTS AWARDED
1. Greater than 8.5 but not exceeding 9.5 (1 point each)	0	\$ 0	0
2. Greater than 6.0 but not exceeding 8.5 (2 points each)	0	\$ 0	0

3. Less than or equal to 6.0 (3 points each)	257	\$ 28,527	771
-------------------------------------------------	-----	-----------	-----

PAST CREDIT TOTALS:	257	\$ 28,527	771
--------------------------------	------------	------------------	------------

D. Rebate Program Expenditures

1. Average or Estimated Administration and Overhead \$ 988
2. Is the financial incentive offered per HEW at least equal to the
marginal benefits of the water savings per HEW? yes

E. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? no

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

F. Comments

The administration and overhead is estimated based on the City's contribution to the Regional Water Conservation Program.

Reported as of 9/2/10

BMP 07: Public Information ProgramsReporting Unit:
City of ChinoBMP Form Status:
100% CompleteYear:
2008**A. Implementation**

1. How is your public information program implemented?

Wholesaler and retailer both materially participate in program

Which wholesaler(s)?

Inland Empire Utilities Agency

2. Describe the program and how it's organized:

Public Works and Finance Department staff members participate in various public information activities as part of their regular duties. These activities help educate customers about water conservation.

3. Indicate which and how many of the following activities are included in your public information program:

Public Information Program Activity in Retail Service Area	Yes/No	Number of Events
a. Paid Advertising	yes	1
b. Public Service Announcement	yes	1
c. Bill Inserts / Newsletters / Brochures	yes	11
d. Bill showing water usage in comparison to previous year's usage	yes	
e. Demonstration Gardens	yes	1
f. Special Events, Media Events	yes	3
g. Speaker's Bureau	no	
h. Program to coordinate with other government agencies, industry and public interest groups and media	yes	

B. Conservation Information Program Expenditures

1. Annual Expenditures (Excluding Staffing)

8033

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP?

No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

The Chino Basin Public Outreach Campaign through the Inland Valley Daily Bulletin is represented above in 3a, 3b, and 3h. Subsection 3F. includes water conservation exhibit at the Chino Youth Museum, which is viewed by the general public throughout the year.

Reported as of 9/2/10

BMP 08: School Education Programs

Reporting Unit:

BMP Form Status:

Year:

City of Chino

100% Complete

2008

A. Implementation

1. How is your public information program implemented?

Retailer runs program without wholesaler sponsorship

2. Please provide information on your region-wide school programs (by grade level):

Grade	Are grade-appropriate materials distributed?	No. of class presentations	No. of students reached	No. of teachers' workshops
Grades K-3rd	yes	5	1420	0
Grades 4th-6th	yes	8	1830	0
Grades 7th-8th	no	0	0	0
High School	no	0	0	0

4. Did your Agency's materials meet state education framework requirements?

yes

5. When did your Agency begin implementing this program?

04/01/1991

B. School Education Program Expenditures

1. Annual Expenditures (Excluding Staffing)

7020

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP?

No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Reported as of 9/2/10

BMP 09: Conservation Programs for CII Accounts

Reporting Unit:

BMP Form Status:

Year:

City of Chino

100% Complete

2008

A. Implementation

- | | |
|------------------------------------------------------------------------------------|-----|
| 1. Has your agency identified and ranked COMMERCIAL customers according to use? | yes |
| 2. Has your agency identified and ranked INDUSTRIAL customers according to use? | yes |
| 3. Has your agency identified and ranked INSTITUTIONAL customers according to use? | yes |

Option A: CII Water Use Survey and Customer Incentives Program

- | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| 4. Is your agency operating a CII water use survey and customer incentives program for the purpose of complying with BMP 9 under this option? If so, please describe activity during reporting period: | no |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|

CII Surveys	Commercial Accounts	Industrial Accounts	Institutional Accounts
a. Number of New Surveys Offered	0	0	0
b. Number of New Surveys Completed	0	0	0
c. Number of Site Follow-ups of Previous Surveys (within 1 yr)	0	0	0
d. Number of Phone Follow-ups of Previous Surveys (within 1 yr)	0	0	0

CII Survey Components	Commercial Accounts	Industrial Accounts	Institutional Accounts
e. Site Visit	no	no	no
f. Evaluation of all water-using apparatus and processes	no	no	no
g. Customer report identifying recommended efficiency measures, paybacks and agency incentives	no	no	no

Agency CII Customer Incentives	Budget (\$/Year)	# Awarded to Customers	Total \$ Amount Awarded
h. Rebates	0	0	0
i. Loans	0	0	0
j. Grants	0	0	0
k. Others	0	0	0

Option B: CII Conservation Program Targets

- | | |
|---------------------------------------------------------------|-----|
| 5. Does your agency track CII program interventions and water | yes |
|---------------------------------------------------------------|-----|

savings for the purpose of complying with BMP 9 under this option?

6. Does your agency document and maintain records on how savings were realized and the method of calculation for estimated savings? yes

7. **System Calculated** annual savings (AF/yr):

CII Programs	Avg Savings (AF/yr)	# Device Installations	Annual Savings/Program (AF/yr)
a. Ultra Low Flush Toilets	.035004	0	0
b. Dual Flush Toilets	.041748	0	0
c. High Efficiency Toilets	.041748	158	6.596184
d. High-Efficiency Urinals	.069086	0	0
e. Non-Water Urinals	.0921146	141	12.9881586
f. Commercial Clothes Washers (only coin-op; not industrial)	.116618	0	0
g. Cooling Tower Conductivity Controllers	1.03225	0	0
h. Food Steamers	.25	0	0
i. Ice Machines	.834507	0	0
j. Pre-Rinse Spray Valves	.084701	0	0
k. Steam Sterilizer Retrofits	1.538	0	0
l. X-ray Film Processors	2.57	0	0

Total System Calculated Savings: 19.5843426

8. **Estimated** annual savings (AF/yr) from agency programs not including the devices listed in Option B. 7., above:

CII Programs	Annual Savings (AF/yr)
a. Site-verified actions taken by agency:	4.26
Synthetic Turf Rebate (30,400 sq. ft.)	
b. Non-site-verified actions taken by agency*:	6.44 (x 25%)
Waterbroom rebate (42 devices)	

*Note: Agencies may credit 100% of estimated annual savings of interventions that have been site verified and 25% of estimated annual savings of interventions that have not been site verified. (BMP 9 E.4.c.)

TOTAL CII Program Performance Target Savings: 25.4543426

B. Conservation Program Expenditures for CII Accounts

	This Year	Next Year
1. Budgeted Expenditures	10867	11340
2. Actual Expenditures	30450	

C. "At Least As Effective As"

1. Is your agency implementing an "at least as effective as" variant of this BMP? No
- a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Water Savings are tracked through the Regional Water Conservation

Program. The City's budgeted expenditures are estimated based on the City's contribution to the Regional Water Conservation Program. Actual expenditures include funds contributed by the wholesaler (IEUA) through the Regional Water Conservation Program.

Reported as of 9/2/10

BMP 11: Conservation Pricing

Reporting Unit:

BMP Form Status:

Year:

City of Chino

100% Complete

2008

A. Implementation**Water Service Rate Structure Data by Customer Class****1. Single Family Residential**

a. Rate Structure	Uniform
b. Total Revenue from Commodity Charges (Volumetric Rates)	\$ 3,189,588
c. Total Revenue from Customer Meter/Service (Fixed) Charges	\$ 2,493,516

2. Multi-Family Residential

a. Rate Structure	Uniform
b. Total Revenue from Commodity Charges (Volumetric Rates)	\$ 429,842
c. Total Revenue from Customer Meter/Service (Fixed) Charges	\$ 336,036

3. Commercial

a. Rate Structure	Uniform
b. Total Revenue from Commodity Charges (Volumetric Rates)	\$ 1,183,115
c. Total Revenue from Customer Meter/Service (Fixed) Charges	\$ 925,040

4. Industrial

a. Rate Structure	Uniform
b. Total Revenue from Commodity Charges (Volumetric Rates)	\$ 128,928
c. Total Revenue from Customer Meter/Service (Fixed) Charges	\$ 100,791

5. Institutional / Government

a. Rate Structure	Uniform
b. Total Revenue from Commodity Charges (Volumetric Rates)	\$ 96,094
c. Total Revenue from Customer Meter/Service (Fixed) Charges	\$ 75,003

6. Dedicated Irrigation (potable)

a. Rate Structure	Uniform
b. Total Revenue from Commodity Charges (Volumetric Rates)	\$ 1,207,522
c. Total Revenue from Customer Meter/Service (Fixed) Charges	\$ 944,001

7. Recycled-Reclaimed

a. Rate Structure	Uniform
b. Total Revenue from Commodity Charges (Volumetric Rates)	\$ 624,198
c. Total Revenue from Customer Meter/Service (Fixed) Charges	\$ 0

8. Raw

- | | |
|-----------------------------------------------------------------|---------|
| a. Rate Structure | Uniform |
| b. Total Revenue from Commodity Charges
(Volumetric Rates) | \$ 0 |
| c. Total Revenue from Customer Meter/Service
(Fixed) Charges | \$ 0 |

9. Other

- | | |
|-----------------------------------------------------------------|-----------|
| a. Rate Structure | Uniform |
| b. Total Revenue from Commodity Charges
(Volumetric Rates) | \$ 93,329 |
| c. Total Revenue from Customer Meter/Service
(Fixed) Charges | \$ 72,977 |

B. Implementation Options**Select Either Option 1 or Option 2:****1. Option 1: Use Annual Revenue As Reported**

$$V/(V+M) \geq 70\%$$

Selected

V = Total annual revenue from volumetric rates

M = Total annual revenue from customer meter/service (fixed) charges

2. Option 2: Use Canadian Water & Wastewater**Association Rate Design Model**

$$V/(V+M) \geq V'/(V'+M')$$

V = Total annual revenue from volumetric rates

M = Total annual revenue from customer meter/service (fixed) charges

V' = The uniform volume rate based on the signatory's long-run incremental cost of service

M' = The associated meter charge

a. If you selected Option 2, has your agency submitted to the Council a completed Canadian Water & Wastewater Association rate design model?

b. Value for **V'** (uniform volume rate based on agency's long-run incremental cost of service) as determined by the Canadian Water & Wastewater Association rate design model:

c. Value for **M'** (meter charge associated with V' uniform volume rate) as determined by the Canadian Water & Wastewater Association rate design model:

C. Retail Wastewater (Sewer) Rate Structure Data by Customer Class

1. Does your agency provide sewer service? (If YES, answer questions 2 - 7 below, else continue to section D.) yes

2. Single Family Residential

- | | |
|------------------------------------------------------------|--------------------------|
| a. Sewer Rate Structure | Non-volumetric Flat Rate |
| b. Total Annual Revenue | \$ 1,290,500 |
| c. Total Revenue from Commodity Charges (Volumetric Rates) | \$ 1,290,500 |

3. Multi-Family Residential

- | | |
|------------------------------------------------------------|--------------------------|
| a. Sewer Rate Structure | Non-volumetric Flat Rate |
| b. Total Annual Revenue | \$ 14,500 |
| c. Total Revenue from Commodity Charges (Volumetric Rates) | \$ 14,500 |

4. Commercial

- | | |
|------------------------------------------------------------|--------------------------|
| a. Sewer Rate Structure | Non-volumetric Flat Rate |
| b. Total Annual Revenue | \$ 116,000 |
| c. Total Revenue from Commodity Charges (Volumetric Rates) | \$ 116,000 |

5. Industrial

- | | |
|------------------------------------------------------------|--------------------------|
| a. Sewer Rate Structure | Non-volumetric Flat Rate |
| b. Total Annual Revenue | \$ 14,500 |
| c. Total Revenue from Commodity Charges (Volumetric Rates) | \$ 14,500 |

6. Institutional / Government

- | | |
|------------------------------------------------------------|--------------------------|
| a. Sewer Rate Structure | Non-volumetric Flat Rate |
| b. Total Annual Revenue | \$ 14,500 |
| c. Total Revenue from Commodity Charges (Volumetric Rates) | \$ 14,500 |

7. Recycled-reclaimed water

- | | |
|------------------------------------------------------------|----------------------|
| a. Sewer Rate Structure | Service Not Provided |
| b. Total Annual Revenue | \$ 0 |
| c. Total Revenue from Commodity Charges (Volumetric Rates) | \$ 0 |

D. "At Least As Effective As"

1. Is your agency implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

Precise Water and Sewer service revenue figures by sector type are not available due to limitations of the City's Utility Billing System. The revenue figures reported above are estimates based on available information and reasonable assumptions.

Reported as of 9/2/10

BMP 12: Conservation CoordinatorReporting Unit:
City of ChinoBMP Form Status:
100% CompleteYear:
2008**A. Implementation**

1. Does your Agency have a conservation coordinator? yes
2. Is a coordinator position supplied by another agency with which you cooperate in a regional conservation program ? yes
 - a. Partner agency's name: CBWCD/IEUA
3. If your agency supplies the conservation coordinator:
 - a. What percent is this conservation coordinator's position? 50%
 - b. Coordinator's Name Michael Hornock Michael Hornock
 - c. Coordinator's Title Water Quality Technician
 - d. Coordinator's Experience in Number of Years Oversight of the agency's water conservation programs and BMP implementation, communication of water conservation issues to upper management, participation at regional water conservation meetings, recycled water conversion programs - 6 years on the job
 - e. Date Coordinator's position was created (mm/dd/yyyy) 02/16/1982
4. Number of conservation staff (FTEs), including Conservation Coordinator. 1

B. Conservation Staff Program Expenditures

1. Staffing Expenditures (In-house Only) 135000
2. BMP Program Implementation Expenditures 45000

C. "At Least As Effective As"

1. Is your agency implementing an "at least as effective as" variant of this BMP? no
 - a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Various staff members implement the duties of the Conservation Coordinator position as a group. Staff members with water conservation duties include Water Meter Reader, the Water Quality Technician, Associate Engineer, Water Utilities Supervisor, and Water & Environmental Manager. Staffing expenditures and BMP Program implementation expenditures are estimated figures. The percentage of time the coordinator dedicates to water conservation is also estimated.

Reported as of 9/2/10

BMP 13: Water Waste Prohibition

Reporting Unit:

BMP Form Status:

Year:

City of Chino

100% Complete

2008

A. Requirements for Documenting BMP Implementation

1. Is a water waste prohibition ordinance in effect in your service area? yes

a. If YES, describe the ordinance:

City of Chino Water Conservation Ordinance (Chapter 13.05): It is declared that because of the water conditions prevailing in the city, region and the state of California, the general welfare requires that the waste or unreasonable use of water be prevented, and that the conservation of water is to be encouraged.

2. Is a copy of the most current ordinance(s) on file with CUWCC? no

a. List local jurisdictions in your service area in the first text box and water waste ordinance citations in each jurisdiction in the second text box:

None

None

B. Implementation

1. Indicate which of the water uses listed below are prohibited by your agency or service area.

a. Gutter flooding no

b. Single-pass cooling systems for new connections no

c. Non-recirculating systems in all new conveyor or car wash systems no

d. Non-recirculating systems in all new commercial laundry systems no

e. Non-recirculating systems in all new decorative fountains no

f. Other, please name

Irrigation runoff into a drain or gutter, landscape irrigation during certain hours of the day or days of the week, leaks, vehicle washing without shutoff nozzles, and serving water to customers at restaurants unless specifically requested yes

2. Describe measures that prohibit water uses listed above:

The City's Water Conservation Ordinance prohibits the water uses listed above during a water shortage declared by the City Council.

Water Softeners:

3. Indicate which of the following measures your agency has supported in developing state law:

a. Allow the sale of more efficient, demand-initiated regenerating DIR models. no

b. Develop minimum appliance efficiency standards that:

i.) Increase the regeneration efficiency standard to at least 3,350 grains of hardness removed per pound of common salt used. no

ii.) Implement an identified maximum number of gallons discharged per gallon of soft water produced. no

c. Allow local agencies, including municipalities and special

districts, to set more stringent standards and/or to ban on-site regeneration of water softeners if it is demonstrated and found by the agency governing board that there is an adverse effect on the reclaimed water or groundwater supply. no

4. Does your agency include water softener checks in home water audit programs? no

5. Does your agency include information about DIR and exchange-type water softeners in educational efforts to encourage replacement of less efficient timer models? no

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? no

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Chino is revising its Water Conservation Ordinance. The proposed revised ordinance will describe certain water uses (such as those listed in Section B above) that would be prohibited at all times.

Reported as of 9/2/10

BMP 14: Residential ULFT Replacement Programs

Reporting Unit:

BMP Form Status:

Year:

City of Chino

100% Complete

2008

A. Implementation**Number of Non-Efficient Toilets Replaced With 1.6 gpf Toilets During Report Year**

	Single-Family Accounts	Multi-Family Units
1. Does your Agency have program(s) for replacing high-water-using toilets with ultra-low flush toilets?	yes	yes
Replacement Method	SF Accounts	MF Units
2. Rebate	6	0
3. Direct Install	0	14
4. CBO Distribution	0	0
5. Other	0	0
Total	6	14

Number of Non-Efficient Toilets Replaced With 1.28 gpf High-Efficiency Toilets (HETs) During Report Year

	Single-Family Accounts	Multi-Family Units
6. Does your Agency have program(s) for replacing high-water-using toilets with ultra-low flush toilets?	yes	yes
Replacement Method	SF Accounts	MF Units
7. Rebate	0	0
8. Direct Install	0	14
9. CBO Distribution	0	0
10. Other	0	0
Total	0	14

Number of Non-Efficient Toilets Replaced With 1.2 gpf HETs (Dual-Flush) During Report Year

	Single-Family Accounts	Multi-Family Units
11. Does your Agency have program(s) for replacing high-water-using toilets with ultra-low flush toilets?	no	no
Replacement Method	SF Accounts	MF Units
12. Rebate	0	0
13. Direct Install	0	0
14. CBO Distribution	0	0
15. Other	0	0
Total	0	0

16. Describe your agency's ULFT, HET, and/or Dual-Flush Toilet programs for

single-family residences.

Since the mid 1990's, the City and IEUA have implemented numerous toilet distribution programs for single-family customers in the Chino service area. More recent programs focus on toilet replacement with rebates.

17. Describe your agency's ULFT, HET, and/or Dual-Flush Toilet programs for multi-family residences.

Since the mid 1990's, the City and IEUA have implemented numerous toilet distribution programs for multi-family customers in the Chino service area. Multi-family direct distribution programs began in approximately 2001 and direct installation programs began in approximately 2003.

18. Is a toilet retrofit on resale ordinance in effect for your service area? no

19. List local jurisdictions in your service area in the left box and ordinance citations in each jurisdiction in the right box:

B. Residential ULFT Program Expenditures

1. Estimated cost per replacement: \$ 150

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? no

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments